

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT) (51) International Patent Classification 7: WO 00/02358 (11) International Publication Number: H04L 29/06, 12/22 A1 (43) International Publication Date: 13 January 2000 (13.01.00) PCT/EP99/04720 (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, (21) International Application Number: BR. BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, 2 July 1999 (02.07.99) (22) International Filing Date: KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, (30) Priority Data: ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, PA 1998 00867 3 July 1998 (03.07.98) DK UG. ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU. TJ. TM). European patent (AT, BE, CH, CY, DE, DK, ES. FL FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI (71) Applicant (for all designated States except US): NOKIA patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, MOBILE PHONES LIMITED [FI/FI]; Keilalahdentie 4, NE, SN, TD, TG). FIN-02150 Espoo (FI). (72) Inventor; and (75) Inventor/Applicant (for US only): IMMONEN, Olli [FI/FI]; Published With international search report. Tuohuskuja 16 A 5, FIN-00670 Helsinki (FI). Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of (74) Agents: HIGGIN, Paul et al.; Nokia House, Summit Avenue, Southwood, Famborough, Hampshire GU14 0NG (GB). omendments (54) Title: SECURE SESSION SET UP BASED ON THE WIRELESS APPLICATION PROTOCOL (57) Abstract Method, apparatus, memory CLIENT SERVER card, and system for establishing a CLIENT HELLO 100 secure connection between a wireless communication apparatus and a data SERVER HELLO 101 communication apparatus based on a wireless application protocol. The SERVER CERTIFICATE 102 wireless communication apparatus SERVER KEY EXCHANGE 103 is provided with contact means for receiving information from a separate CERTIFICATE REQUEST 104 unit provided with memory means. SERVER HELLO DONE 105 The memory means comprising information to control the access of MASTER the wireless communication apparatus SECRET CLIENT CERTIFICATE 107 through a wireless communication network connected to said data CLIENT KEY EXCHANGE 108 106 communication apparatus. ENCRYPTED MASTER SECRET 109 CERTIFICATE VERIFY 110 **FINISHED 111** FINISHED 112 DATA SESSION 113